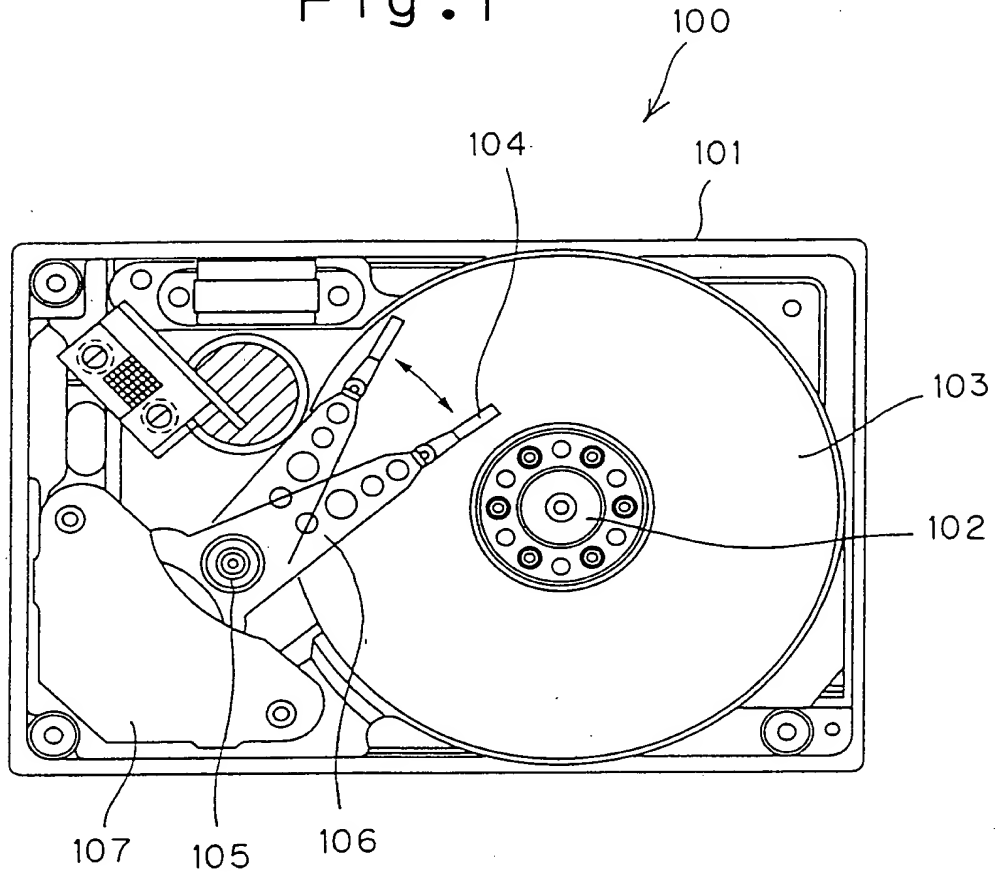
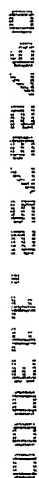


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Fig. 1



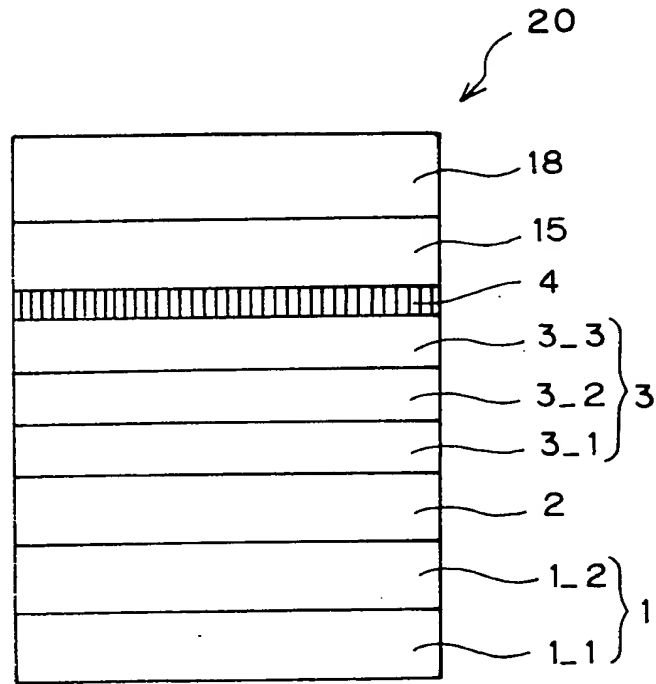
000000 "25292260



8 Pt
7 Cu
6 oxide
5 Free
4 middle
3-3
3-2
3-1 } 3 Planted
2 AFM
1-2
1-1 } 1 underlayer

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Fig. 5



09726752-113000

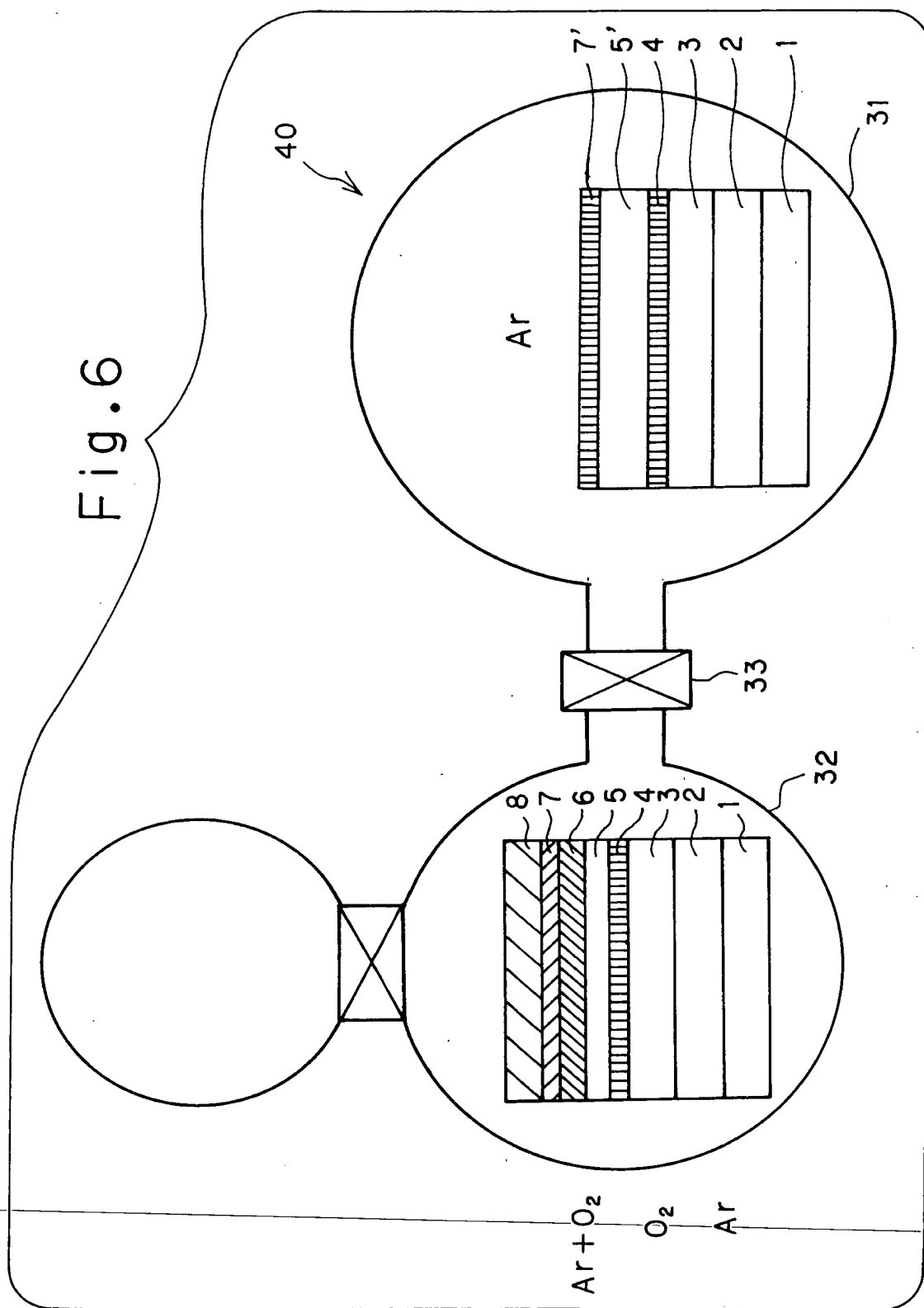


Fig. 7

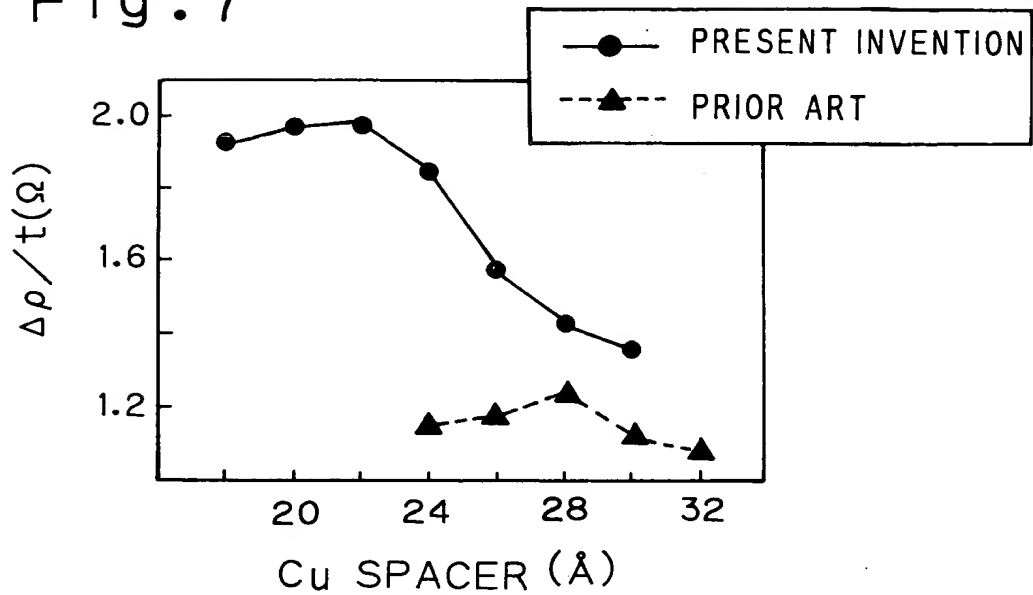


Fig. 8

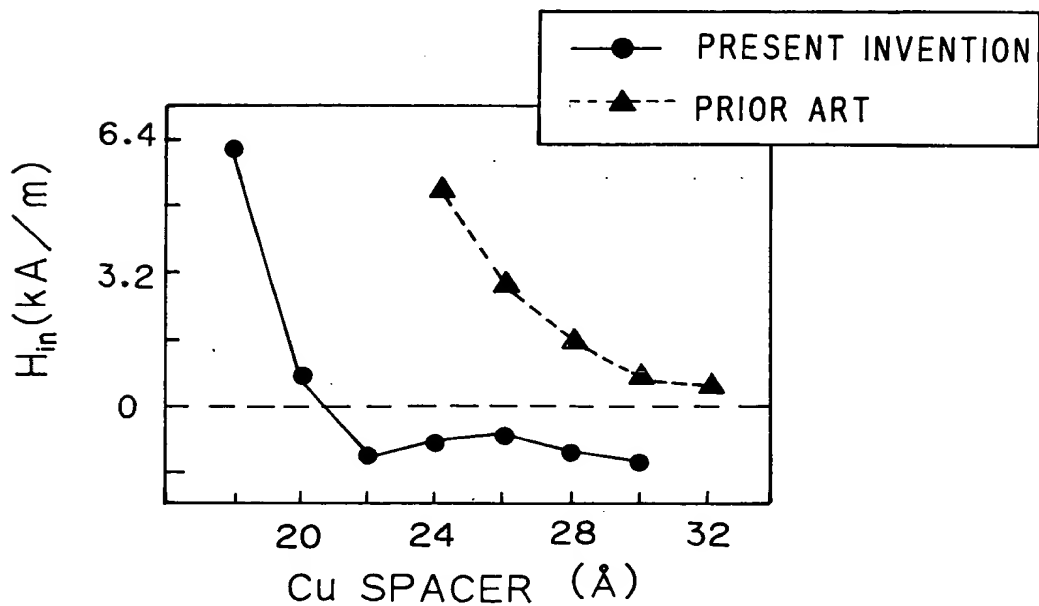


Figure 1 is a line graph showing the ratio $\Delta\rho/t(\Omega)$ on the y-axis versus the lattice constant $\text{Cu}_{1-x}\text{O}_x$ (Å) on the x-axis. The y-axis ranges from 1.2 to 2.0 with major ticks every 0.2. The x-axis ranges from 0 to 40 with major ticks every 10. The data points are connected by a solid line, showing a peak around 15 Å.

$\text{Cu}_{1-x}\text{O}_x$ (Å)	$\Delta\rho/t(\Omega)$
0	1.30
5	1.28
10	1.75
15	2.00
20	1.75
25	1.80
30	1.65
35	1.40

$\text{Cu}_{1-x}\text{O}_x$ (Å)	H_c (kA/m)
0	3.6
5	4.6
10	4.0
15	1.0
20	2.0
25	1.8
30	2.8
35	3.4

$\text{Cu}_{1-x}\text{O}_x$ (Å)	H_{in} (kA/m)
0	3.1
5	1.6
10	0.8
15	-1.1
20	0.4
25	0.4
30	-0.2
35	-0.4